

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031762.D
 Acq On : 26 Dec 2017 15:22
 Operator : SJ/JU
 Sample : I7040-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Quant Time: Dec 26 16:11:27 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	47355	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	193071	20.00	ng	-0.03
38) Acenaphthene-d10	15.44	164	136633	20.00	ng	-0.03
63) Phenanthrene-d10	18.17	188	338659	20.00	ng	-0.03
75) Chrysene-d12	22.52	240	413502	20.00	ng	-0.05
86) Perylene-d12	26.27	264	453040	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	159586	61.38	ng	-0.02
7) Phenol-d6	7.91	99	129322	38.31	ng	-0.02
23) Nitrobenzene-d5	10.00	82	249116	97.43	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	327302	156.99	ng	-0.03
44) 2-Fluorobiphenyl	14.07	172	928109	85.26	ng	-0.03
78) Terphenyl-d14	20.70	244	1631911	90.17	ng	-0.03

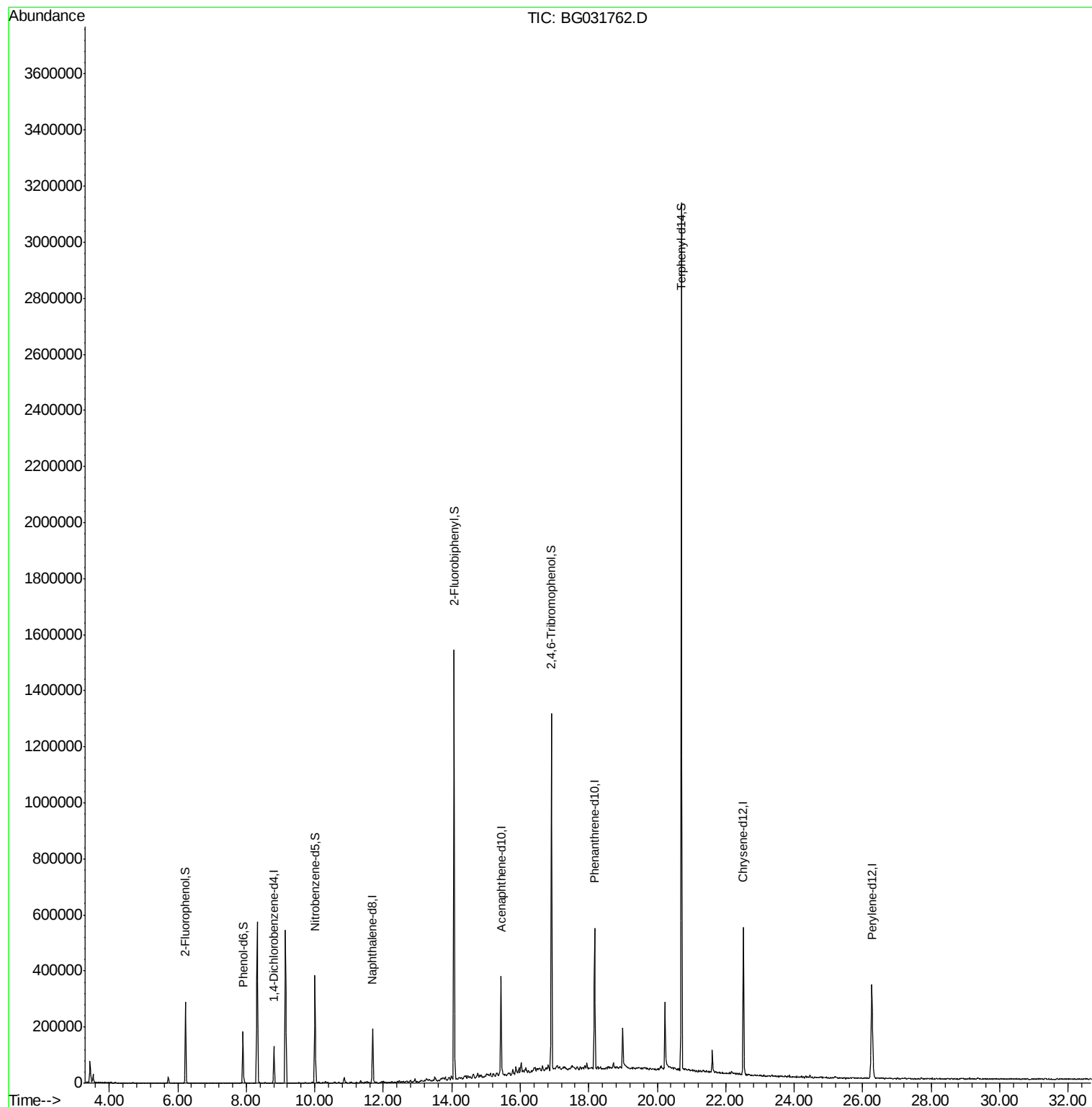
Target Compounds Qvalue

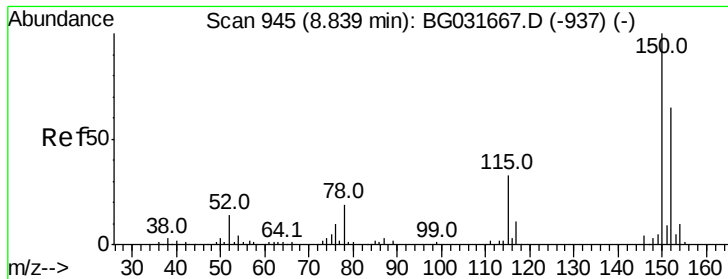
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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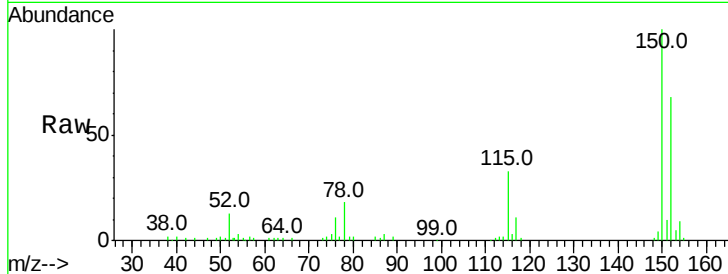


#1

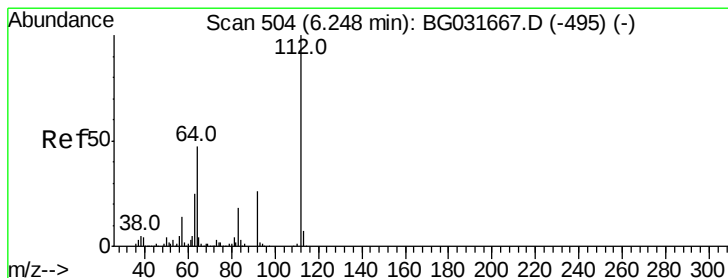
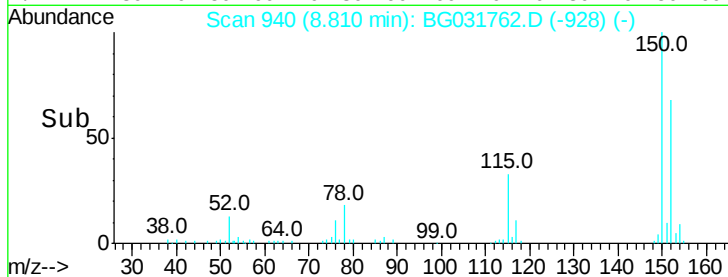
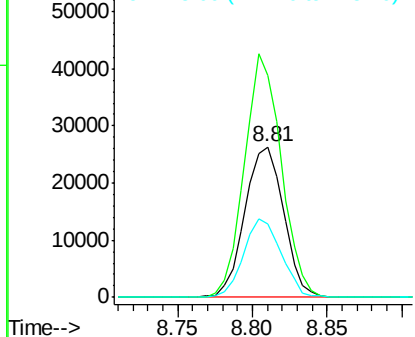
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.03 min
Lab File: BG031762.D
Acq: 26 Dec 2017 15:22

Instrument :
BNA_G
ClientSampleId :
LIP-22

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.8	126.6	189.8
115	48.6	53.0	79.4



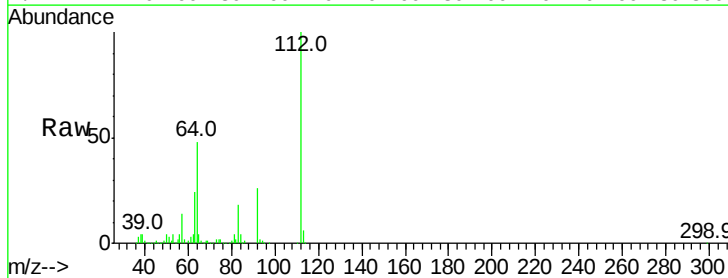
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



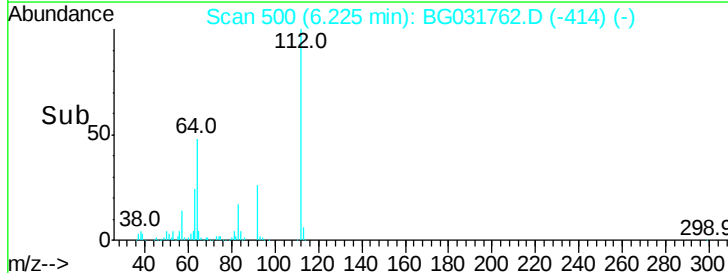
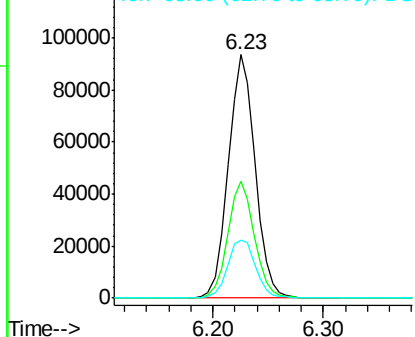
#5

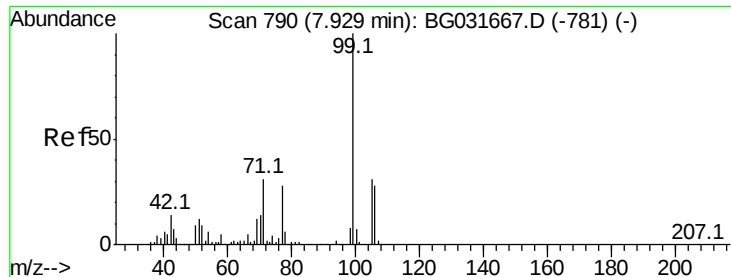
2-Fluorophenol
Concen: 61.381 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031762.D
Acq: 26 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
112	100		
64	48.2	56.3	84.5
63	24.0	30.1	45.1



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 38.311 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031762.D

Acq: 26 Dec 2017 15:22

Instrument :

BNA_G

ClientSampleId :

LIP-22

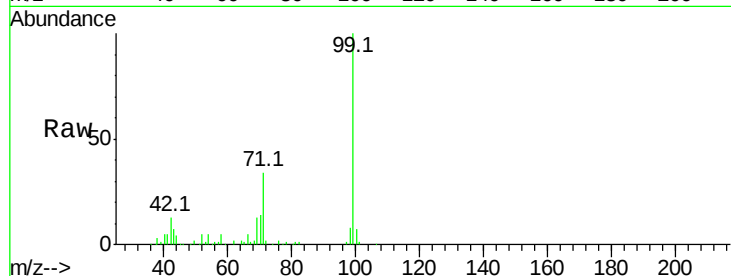
Tot Ion: 99 Resp: 129322

Ion Ratio Lower Upper

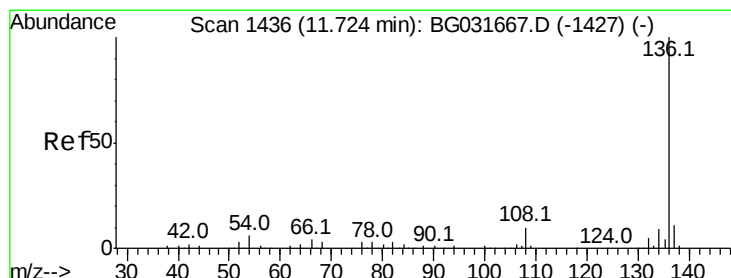
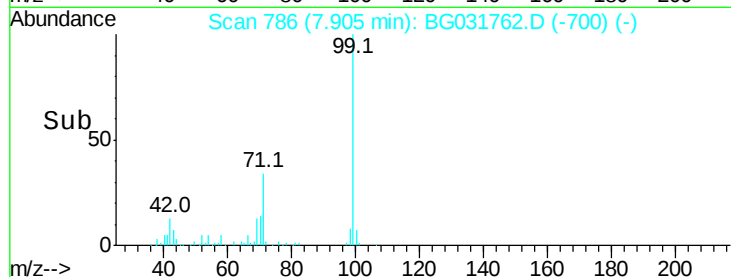
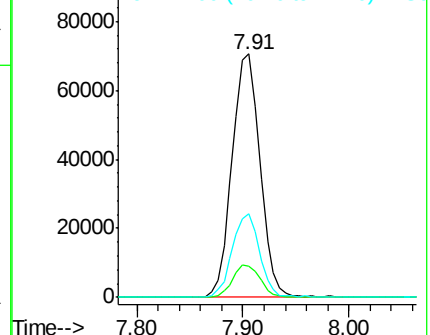
99 100

42 13.0 14.1 21.1#

71 34.3 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031762.D

Acq: 26 Dec 2017 15:22

Tgt Ion: 136 Resp: 193071

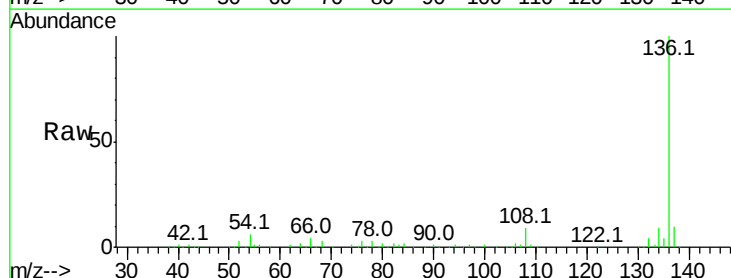
Ion Ratio Lower Upper

136 100

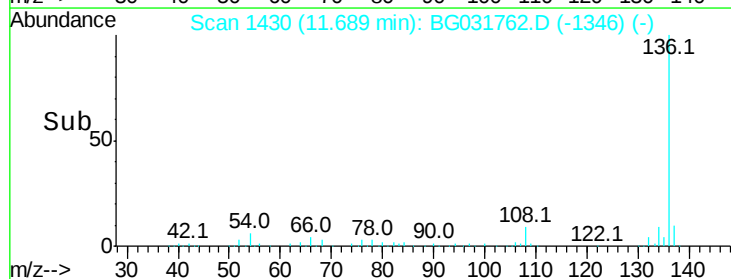
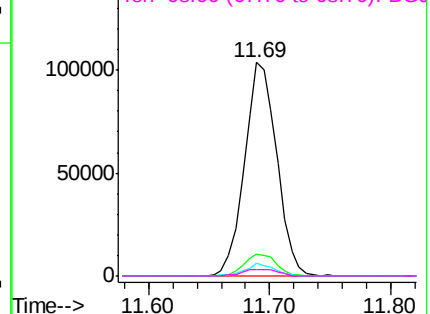
137 10.2 9.2 13.8

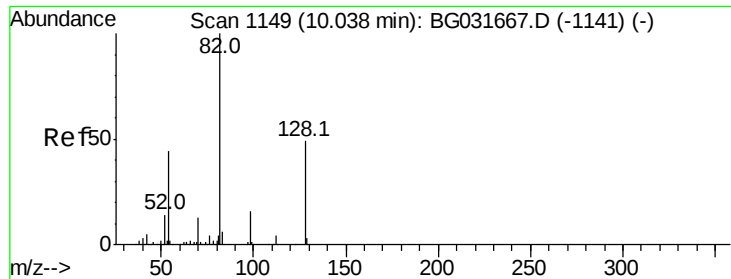
54 5.9 10.3 15.5#

68 2.9 4.5 6.7#



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

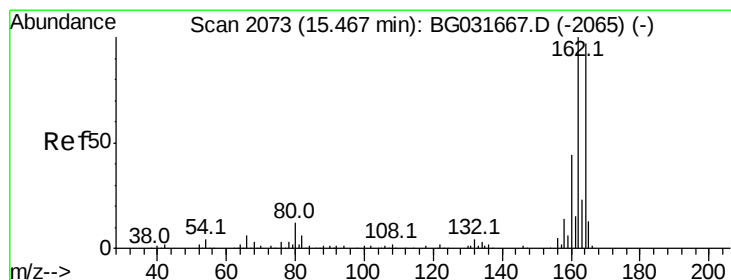
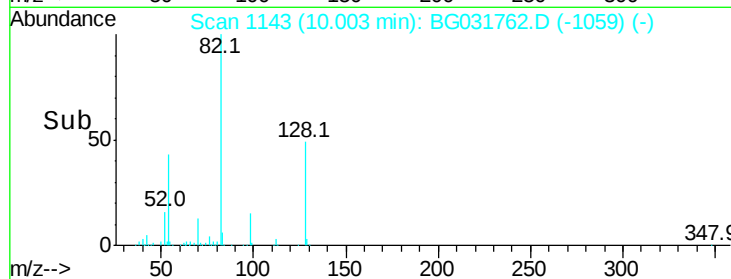
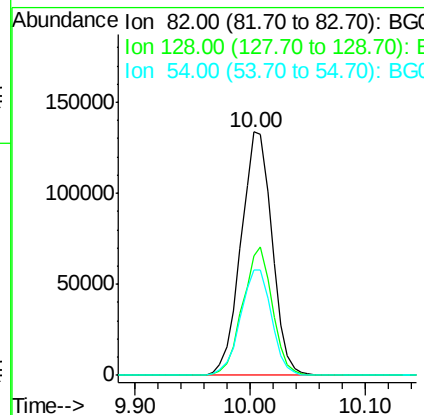
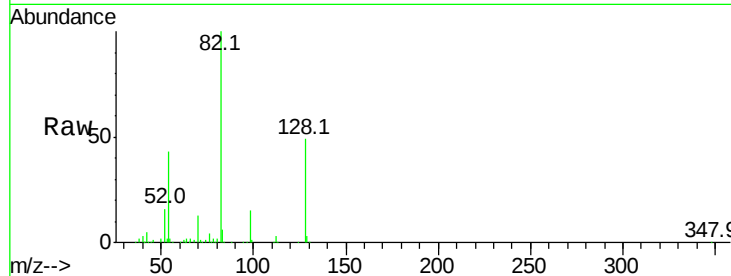




#23
Nitrobenzene-d5
Concen: 97.432 ng
RT: 10.00 min Scan# 1143
Delta R.T. -0.03 min
Lab File: BG031762.D
Acq: 26 Dec 2017 15:22

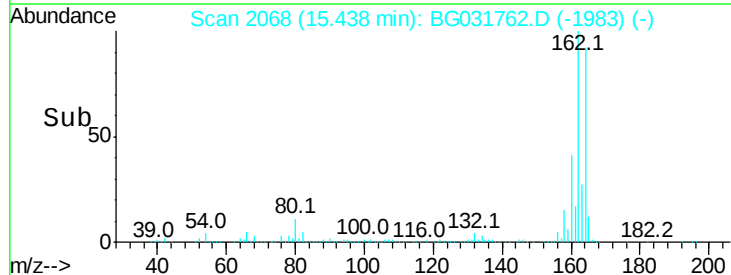
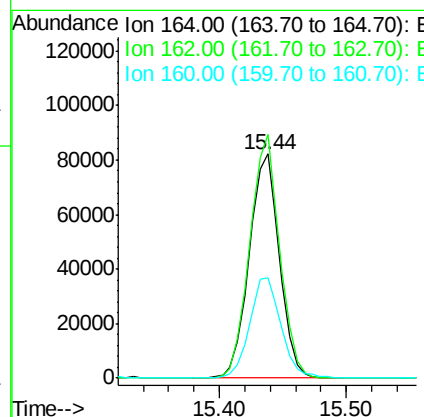
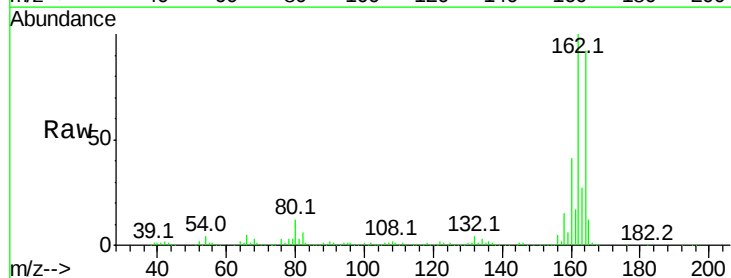
Instrument :
BNA_G
ClientSampleId :
LIP-22

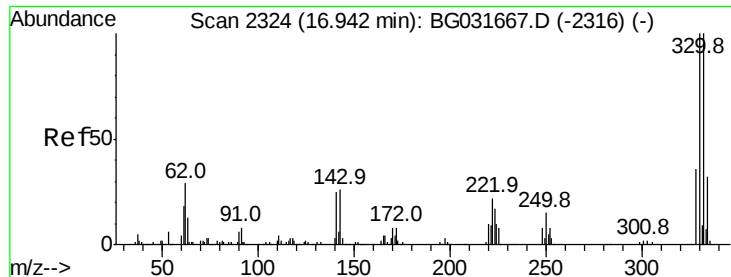
Tot Ion: 82 Resp: 249116
Ion Ratio Lower Upper
82 100
128 49.0 29.7 44.5#
54 43.2 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.44 min Scan# 2068
Delta R.T. -0.03 min
Lab File: BG031762.D
Acq: 26 Dec 2017 15:22

Tgt Ion: 164 Resp: 136633
Ion Ratio Lower Upper
164 100
162 108.5 78.8 118.2
160 44.9 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 156.992 ng

RT: 16.91 min Scan# 2319

Delta R.T. -0.03 min

Lab File: BG031762.D

Acq: 26 Dec 2017 15:22

Instrument :

BNA_G

ClientSampled :

LIP-22

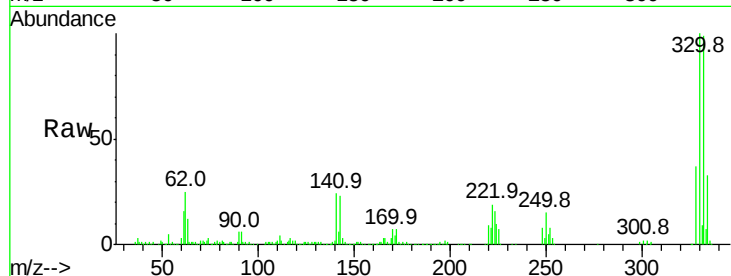
Tot Ion:330 Resp: 327302

Ion Ratio Lower Upper

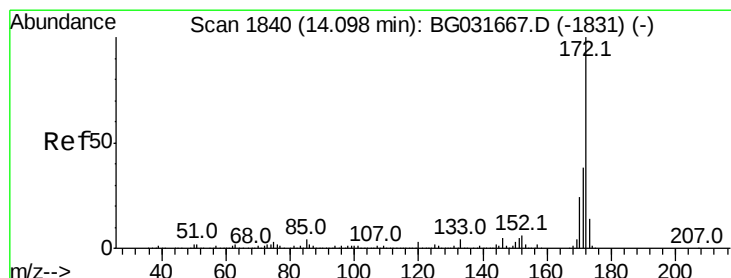
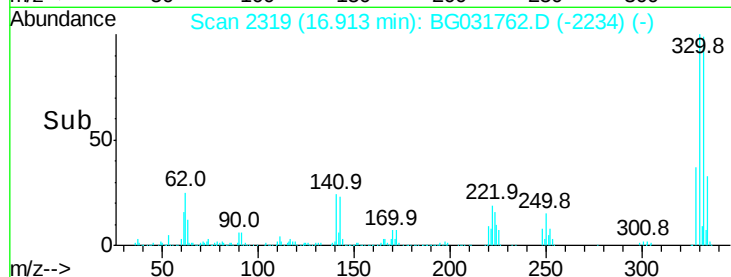
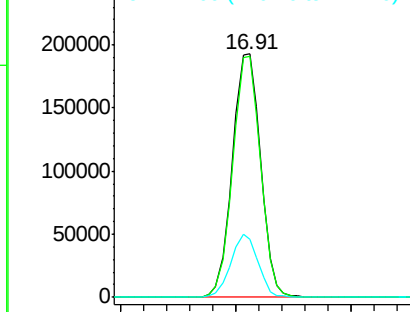
330 100

332 97.3 77.0 115.6

141 25.0 25.2 37.8#



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 85.258 ng

RT: 14.07 min Scan# 1835

Delta R.T. -0.03 min

Lab File: BG031762.D

Acq: 26 Dec 2017 15:22

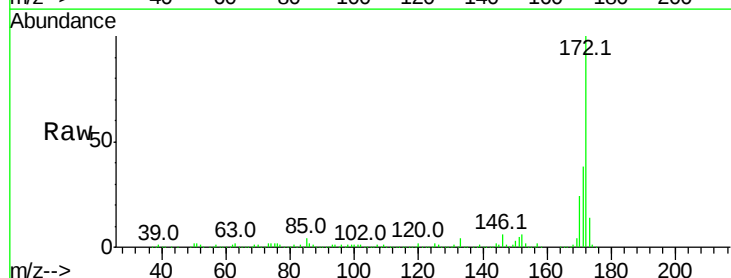
Tgt Ion:172 Resp: 928109

Ion Ratio Lower Upper

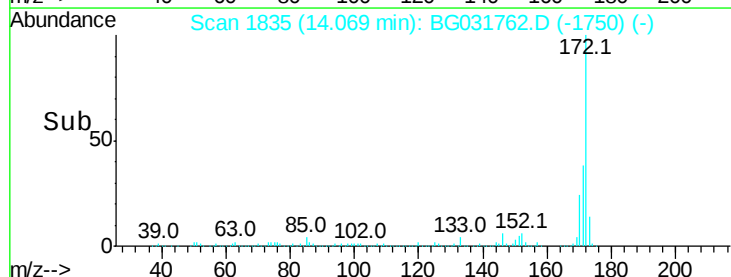
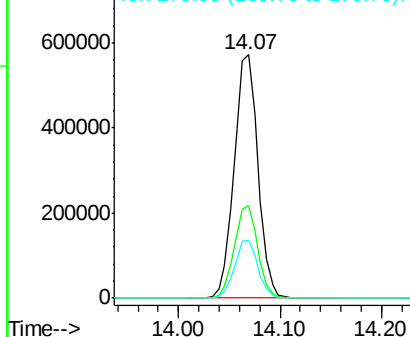
172 100

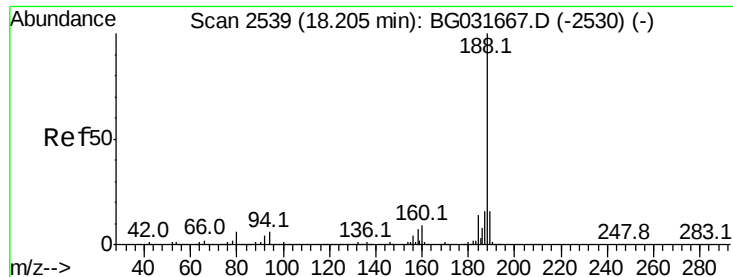
171 37.9 30.0 45.0

170 23.7 19.5 29.3



Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

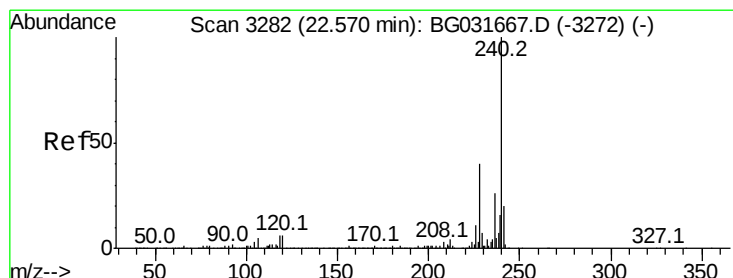
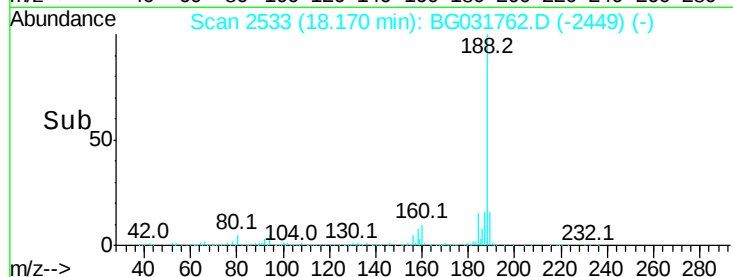
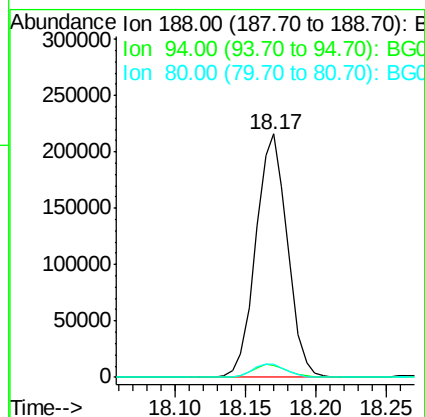
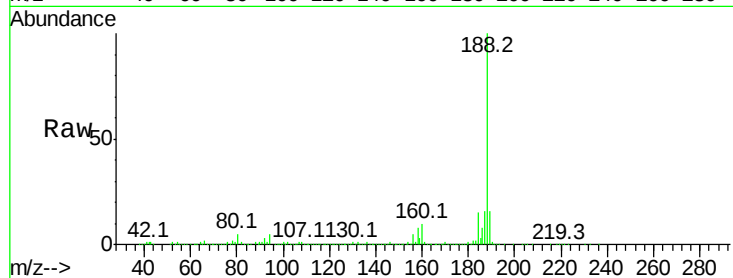




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.17 min Scan# 2533
Delta R.T. -0.03 min
Lab File: BG031762.D
Acq: 26 Dec 2017 15:22

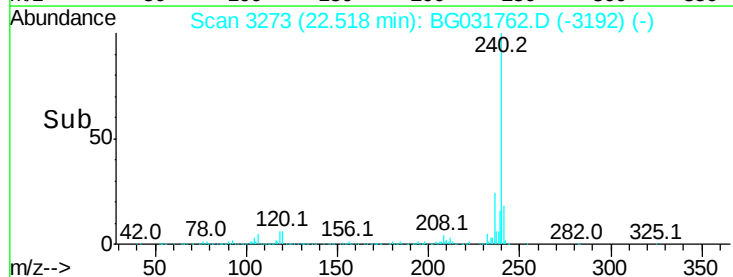
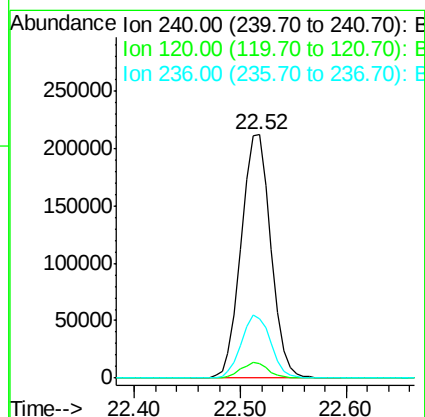
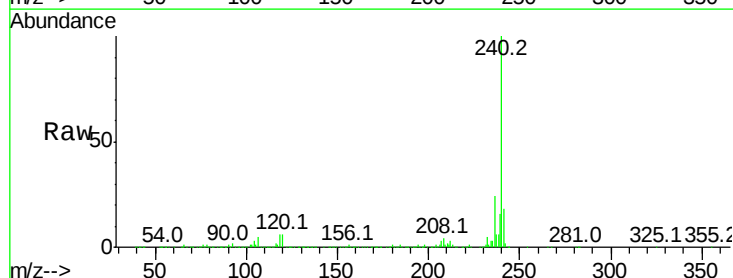
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BNA_G
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LIP-22

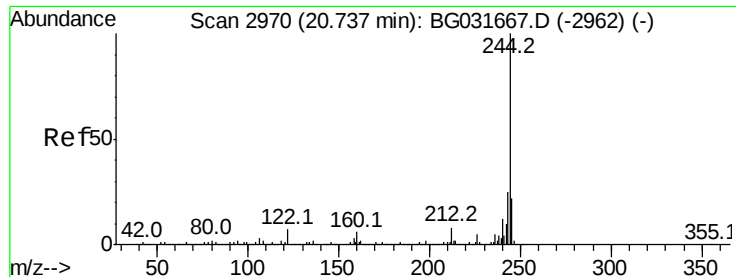
Tot Ion	Ratio	Lower	Upper
188	100		
94	5.1	6.9	10.3#
80	5.5	7.7	11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.52 min Scan# 3273
Delta R.T. -0.05 min
Lab File: BG031762.D
Acq: 26 Dec 2017 15:22

Tgt Ion	Ratio	Lower	Upper
240	100		
120	6.0	6.8	10.2#
236	24.5	20.9	31.3

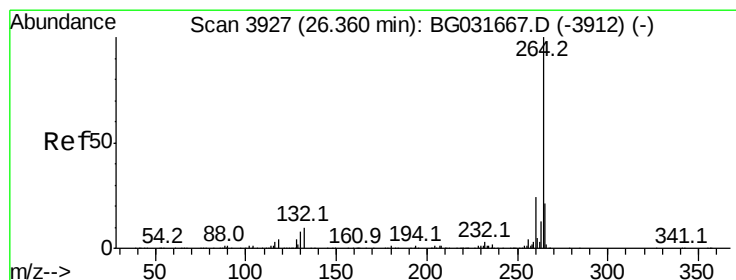
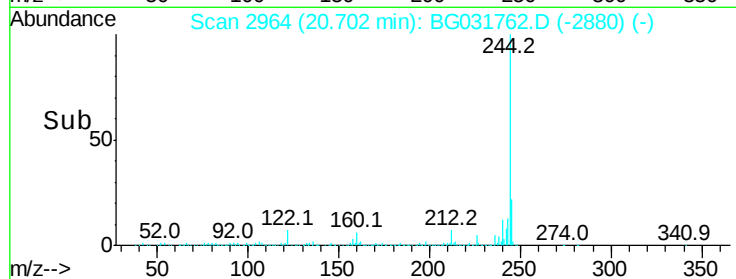
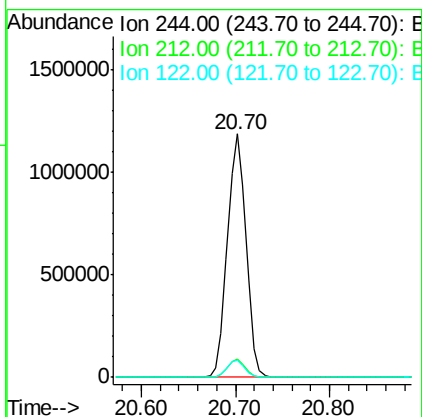
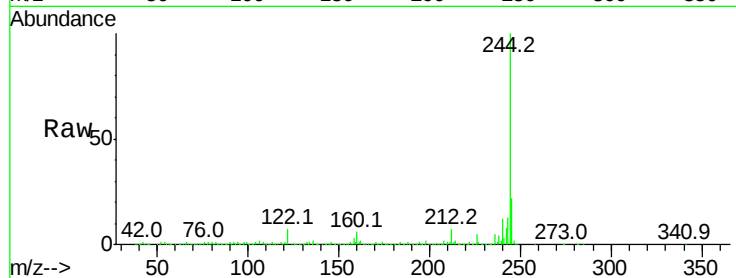




#78
 Terphenyl-d14
 Concen: 90.165 ng
 RT: 20.70 min Scan# 2964
 Delta R.T. -0.03 min
 Lab File: BG031762.D
 Acq: 26 Dec 2017 15:22

Instrument :
 BNA_G
 ClientSampleId :
 LIP-22

Tot Ion:244 Resp: 1631911
 Ion Ratio Lower Upper
 244 100
 212 7.4 5.8 8.8
 122 6.8 7.0 10.4#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.27 min Scan# 3911
 Delta R.T. -0.09 min
 Lab File: BG031762.D
 Acq: 26 Dec 2017 15:22

Tgt Ion:264 Resp: 453040
 Ion Ratio Lower Upper
 264 100
 260 25.0 17.4 26.0
 265 22.4 17.7 26.5

